

## FAAC 714019

# FAAC 714019 Monolec Hydraulic Oil Instruction Manual

Model: 714019 | Brand: FAAC

## 1. INTRODUCTION

This manual provides essential instructions for the safe and effective use of FAAC 714019 Monolec Hydraulic Oil. This premium lubricant is specifically formulated for FAAC hydraulic gate operators, ensuring optimal performance and longevity of your system.

## 2. SAFETY INFORMATION

### Important Safety Precautions

- Always wear appropriate personal protective equipment (PPE), including gloves and eye protection, when handling hydraulic oil.
- Avoid prolonged skin contact. Wash hands thoroughly after handling.
- Do not ingest. If swallowed, seek immediate medical attention.
- Keep out of reach of children and pets.
- Store in a cool, dry place, away from direct sunlight and sources of ignition.
- Dispose of used oil responsibly according to local regulations. Do not pour into drains or onto the ground.

## 3. PRODUCT OVERVIEW

### Key Features

The FAAC 714019 Monolec Hydraulic Oil is engineered with advanced properties to protect and enhance the performance of your hydraulic gate operator system.

- High-Performance Lubrication:** Provides exceptional rust and oxidation protection.
- Anti-Wear Additives:** Contains MONOLEC, a wear-reducing additive, to extend component lifespan.
- Low-Temperature Capabilities:** Ensures efficient operation in cold conditions.
- High Dielectric Strength:** Suitable for electrical service applications.
- Oxidation Inhibitors:** Reduces deposits for clean and efficient system operation.

- **Turbine-Grade Quality:** Designed for demanding hydraulic systems.



Image: A 1-quart bottle of FAAC 714019 Monolec Hydraulic Oil, featuring a red liquid and a white label with "FAAC", "714019", and "OIL" printed on it.

## 4. COMPATIBILITY

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### Compatible FAAC Gate Operator Models

This hydraulic oil is specifically formulated for use with the following FAAC hydraulic gate operator models:

- FAAC 750
- FAAC 760
- FAAC 760 CBAC
- FAAC 400
- FAAC 402

## 5. SETUP AND PREPARATION

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### Preparing for Oil Change/Addition

1. **Review Operator Manual:** Consult your specific FAAC gate operator's instruction manual for detailed oil change procedures and capacity requirements.
2. **Gather Tools:** Ensure you have all necessary tools, including wrenches, drain pans, funnels, and cleaning cloths.
3. **Ensure Safety:** Disconnect power to the gate operator before beginning any maintenance. Secure the gate to prevent accidental movement.
4. **Clean Area:** Clean the area around the oil fill and drain points to prevent contaminants from entering the hydraulic system.

## 6. OPERATING INSTRUCTIONS

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### Adding or Replacing Hydraulic Oil

1. **Drain Old Oil (if replacing):** Place a suitable drain pan beneath the operator's drain plug. Carefully

remove the drain plug and allow all old hydraulic oil to drain completely.

- 2. **Replace Drain Plug:** Once drained, securely replace the drain plug, ensuring a tight seal to prevent leaks.
- 3. **Locate Fill Port:** Identify the hydraulic oil fill port on your FAAC gate operator.
- 4. **Fill with New Oil:** Using a clean funnel, slowly pour the FAAC 714019 Monolec Hydraulic Oil into the fill port. Refer to your operator's manual for the correct oil level and capacity. Do not overfill.
- 5. **Check Level:** After filling, check the oil level according to your operator's manual. Add more oil if necessary, or remove excess if overfilled.
- 6. **Secure Fill Cap:** Replace and securely tighten the fill cap.
- 7. **Reconnect Power:** Reconnect power to the gate operator and test its operation. Monitor for any leaks or unusual sounds.

## 7. MAINTENANCE

### Oil Maintenance and Storage

- **Regular Checks:** Periodically check the hydraulic oil level and condition as recommended in your gate operator's manual.
- **Oil Change Intervals:** Adhere to the recommended oil change intervals specified by FAAC for your particular gate operator model.
- **Storage:** Store unused FAAC 714019 Monolec Hydraulic Oil in its original sealed container in a cool, dry place, away from extreme temperatures and contaminants.

## 8. TROUBLESHOOTING

### Common Issues Related to Hydraulic Oil

If you experience issues with your FAAC hydraulic gate operator, consider the following:

- **Low Oil Level:** Can cause sluggish operation, overheating, or complete system failure. Check and top up oil.
- **Contaminated Oil:** Discolored or cloudy oil indicates contamination (water, debris). This requires an immediate oil change and system inspection.
- **Incorrect Oil Type:** Using non-FAAC approved oil can lead to component wear, seal damage, and reduced performance. Always use FAAC 714019.
- **Leaks:** Visible oil leaks require immediate attention. Identify the source of the leak (seals, hoses, fittings) and repair.

For persistent issues, consult a qualified technician or FAAC support.

## 9. SPECIFICATIONS

### Product Specifications

Property	Detail
Product Name	FAAC 714019 Monolec Hydraulic Oil
Model Number	714019
Brand	FAAC

Volume	1 Quart (approx. 0.946 Liters)
Type	Turbine-Grade Rust & Oxidation (R&O) Hydraulic Oil with Anti-Wear (AW) properties
Key Features	Low-temperature capabilities, High dielectric strength, Oxidation inhibitors, MONOLEC wear-reducing additive
Recommended Uses	FAAC Hydraulic Gate Operators (750, 760, 760 CBAC, 400, 402), Electrical service applications

## 10. WARRANTY AND SUPPORT

### Warranty Information



For specific warranty details regarding FAAC products, please refer to the documentation provided with your FAAC gate operator or visit the official FAAC website.

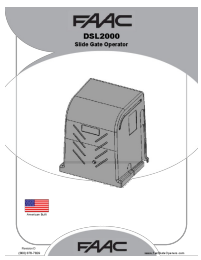


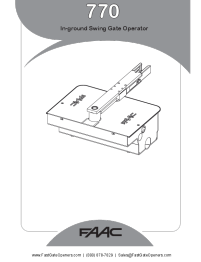
### Customer Support

If you require further assistance or have questions regarding the FAAC 714019 Monolec Hydraulic Oil or your FAAC gate operator, please contact FAAC customer support or an authorized FAAC service center.

*This manual is intended for informational purposes only. Always follow the specific instructions provided with your FAAC gate operator.*

## Related Documents - 714019

	<p><a href="#">FAAC 400 Series Swing Gate Automation System: Installation and User Manual</a></p> <p>Comprehensive installation, safety, operation, and maintenance guide for the FAAC 400 series hydraulic automation systems designed for swing gates. Covers technical specifications, dimensions, installation procedures, safety instructions, manual operation, and troubleshooting.</p>
	<p><a href="#">FAAC 402 Hydraulic Swing Gate Operator - Installation, Operation, and Safety Manual</a></p> <p>Comprehensive guide for the FAAC 402 Hydraulic Swing Gate Operator, covering installation, operation, safety precautions, programming the 455D control board, maintenance, and troubleshooting. Includes technical specifications and spare parts.</p>

	<p><a href="#"><u>FAAC DSL2000 Slide Gate Operator Installation Manual</u></a></p> <p>Comprehensive installation manual for the FAAC DSL2000 Slide Gate Operator, covering safety, installation, electrical connections, adjustments, accessories, and troubleshooting. Includes UL325 compliance information.</p>
	<p><a href="#"><u>FAAC S418 Swing Gate Operator - Installation and Operation Manual</u></a></p> <p>Comprehensive guide for the FAAC S418 electromechanical swing gate operator, covering installation, technical specifications, safety precautions, operation, maintenance, and control board details.</p>
	<p><a href="#"><u>FAAC S418 Electromechanical Swing Gate Operator Installation and Operation Manual</u></a></p> <p>Comprehensive guide for the FAAC S418 Electromechanical Swing Gate Operator, covering installation, operation, maintenance, safety precautions, and technical specifications. Includes details on the E024U control board and accessories.</p>
	<p><a href="#"><u>FAAC 770 In-Ground Swing Gate Operator: Installation, Control Board, and Maintenance Manual</u></a></p> <p>This manual provides comprehensive instructions for the FAAC 770 in-ground swing gate operator, covering installation, safety guidelines, the E024U control board, programming, maintenance, spare parts, and warranty. It details technical specifications and operational logic for automated vehicular swing gates.</p>